

CLAIMS

I claim:

1. A cartridge for a bullet with an outside diameter of about 0.223", the cartridge comprising:

an axis;

a body, said body comprising:

a first body outside diameter, wherein said first body outside diameter is about 0.375";

a second body outside diameter which is less than or equal to the first body outside diameter;

a total length, wherein said total length is between 0.870 and 1.000"; and

an extraction groove;

a neck with a neck outside diameter, wherein said neck outside diameter is about 0.260", and wherein said neck is adapted to fit the bullet; and

a shoulder between said body and said neck, wherein said shoulder is formed at an angle between said body and said neck, wherein said angle is about 28° with respect to said axis.

2. A cartridge for a bullet with an outside diameter of about 0.223", the cartridge comprising:

an axis;

a body, said body comprising:

a first body outside diameter, wherein said first body outside diameter is about 0.375";

a second body outside diameter which is less than or equal to the first body outside diameter;

a total length, wherein said total length is between 0.870 and 1.000"; and

an extraction groove;

a neck with a neck outside diameter, wherein said neck outside diameter is about 0.260", and wherein said neck is adapted to fit the bullet; and

a shoulder between said body and said neck, wherein said shoulder is formed at a predetermined angle relative to said axis between said body and said neck such that upon firing, the bullet is capable of reaching a velocity of greater than about 2,500 fps.

3. A chamber for a cartridge with a total length between 0.870 and 1.000" for a bullet with an outside diameter of about 0.223", the chamber comprising:

an axis;

a body bore, said body comprising:

a first body bore inside diameter, wherein said first body bore inside diameter is about 0.376";

a second body bore inside diameter which is less than or equal to the first body bore inside diameter; and

a body bore length adapted to receive the cartridge;

a neck bore with a neck bore inside diameter, wherein said neck bore inside diameter is about 0.261";

a shoulder bore between said body bore and said neck bore, wherein said shoulder bore is formed at an angle between said body bore and said neck bore, wherein said angle is about 28° with respect to said axis.

4. The cartridge according to claim 1, wherein said cartridge is adapted for use with a handgun.

5. The cartridge according to claim 1, wherein said cartridge is adapted for use with a rifle.

6. The cartridge according to claim 1, wherein, upon firing, the bullet is capable of reaching a velocity of greater than about 2,500 fps.

7. The cartridge according to claim 1, wherein, upon firing, the bullet is capable of reaching a velocity of greater than about 3,000 fps.

8. The cartridge according to claim 1, wherein said total length is about 0.875".

9. The cartridge according to claim 1, wherein said body length is about 0.935".

10. The cartridge according to claim 1, wherein said body length is about 0.995".

11. The cartridge according to claim 1, wherein said second body outside diameter is about 0.367".

12. The chamber according to claim 3, wherein said chamber is adapted for use with a handgun.

13. The chamber according to claim 3, wherein said chamber is adapted for use with a rifle.

14. The chamber according to claim 3, wherein, upon firing, the bullet is capable of reaching a velocity of greater than about 2,500 fps.

15. The chamber according to claim 3, wherein, upon firing, the bullet is capable of reaching a velocity of greater than about 3,000 fps.

16. The chamber according to claim 3, wherein said body bore length is adapted to receive the cartridge wherein the total length is about 0.875".

17. The chamber according to claim 3, wherein said body length is adapted to receive the cartridge wherein the total length is about 0.935".

18. The chamber according to claim 3, wherein said body length is adapted to receive the cartridge wherein the total length is about 0.995".

19. The chamber according to claim 3, wherein said second body bore inside diameter is about 0.368".